

# SCORING OF SENSED NEUROLOGICAL SIGNALS FOR USE WITH A MEDICAL DEVICE SYSTEM

**Patent number:** EP1558132  
**Publication date:** 2005-08-03  
**Inventor:** OSORIO IVAN (US); FREI MARK G (US); GRAVES NINA M (US); GIFTAKIS JONATHON E (US)  
**Applicant:** MEDTRONIC INC (US)  
**Classification:**  
- **international:** A61B5/00; A61B5/00; G06F; (IPC1-7): A61B5/00  
- **european:** A61B5/048; A61N1/36; A61N1/37B; A61N1/372C  
**Application number:** EP20030809112 20031015  
**Priority number(s):** WO2003US32944 20031015; US20020418506P 20021015; US20030503999P 20030919

**Also published as:**

- WO2004036372 (A3)
- WO2004036372 (A2)
- EP1558132 (A3)
- AU2003301368 (A1)

[Report a data error here](#)

Abstract not available for EP1558132

Abstract of correspondent: **WO2004036372**

A medical device system capable of scoring a severity of sensed neurological signals relating to a nervous system disorder. The system comprises a monitoring element that receives a neurological signal having at least one event to be scored. The medical device system identifies one or more features of the neurological signal to use in scoring and computes a score of relative severity of the event using the identified feature. Once two or more events have been scored, the events may be ranked by severity relative to each other.

---

Data supplied from the **esp@cenet** database - Worldwide